

U7322604

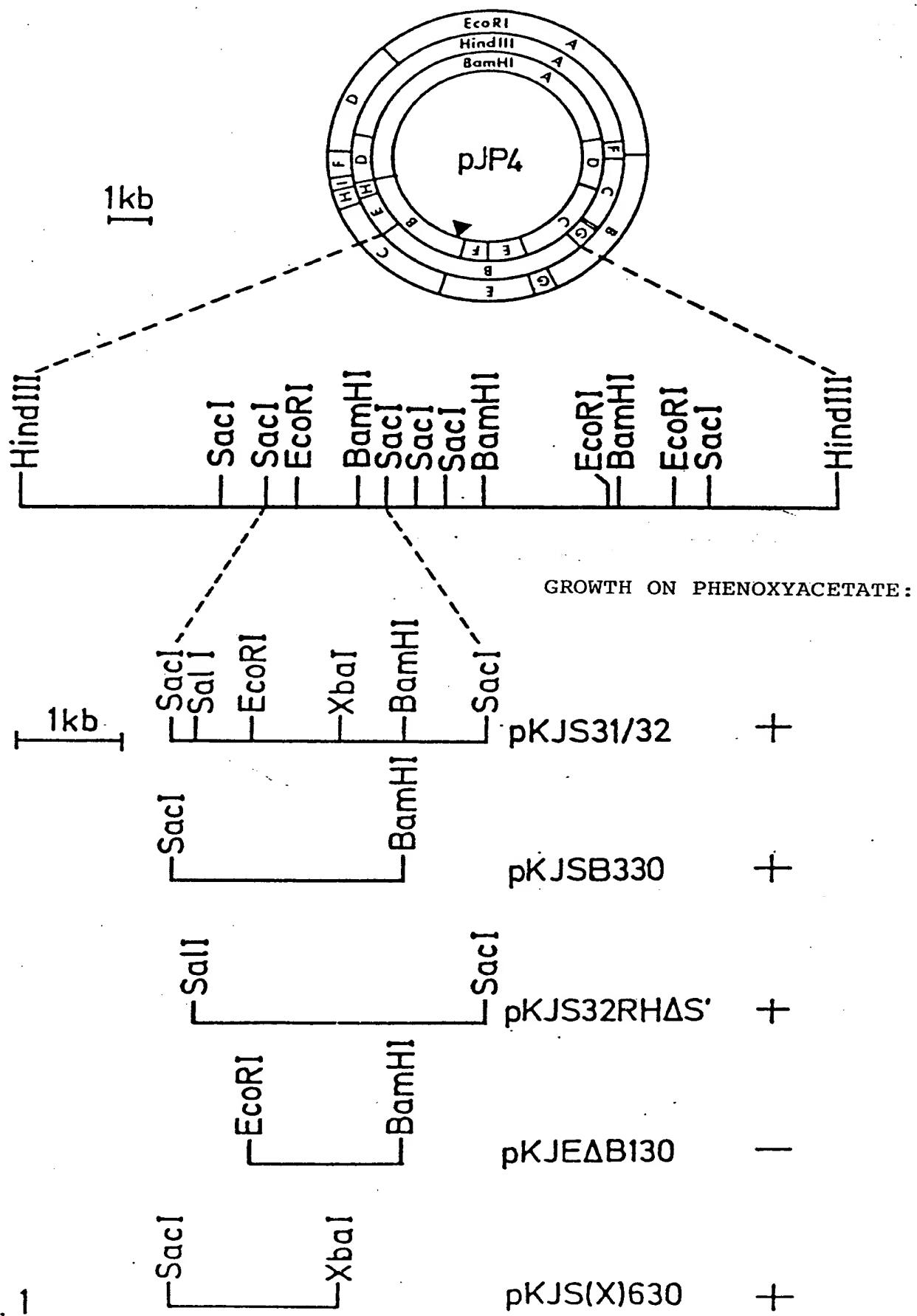


FIG. 1

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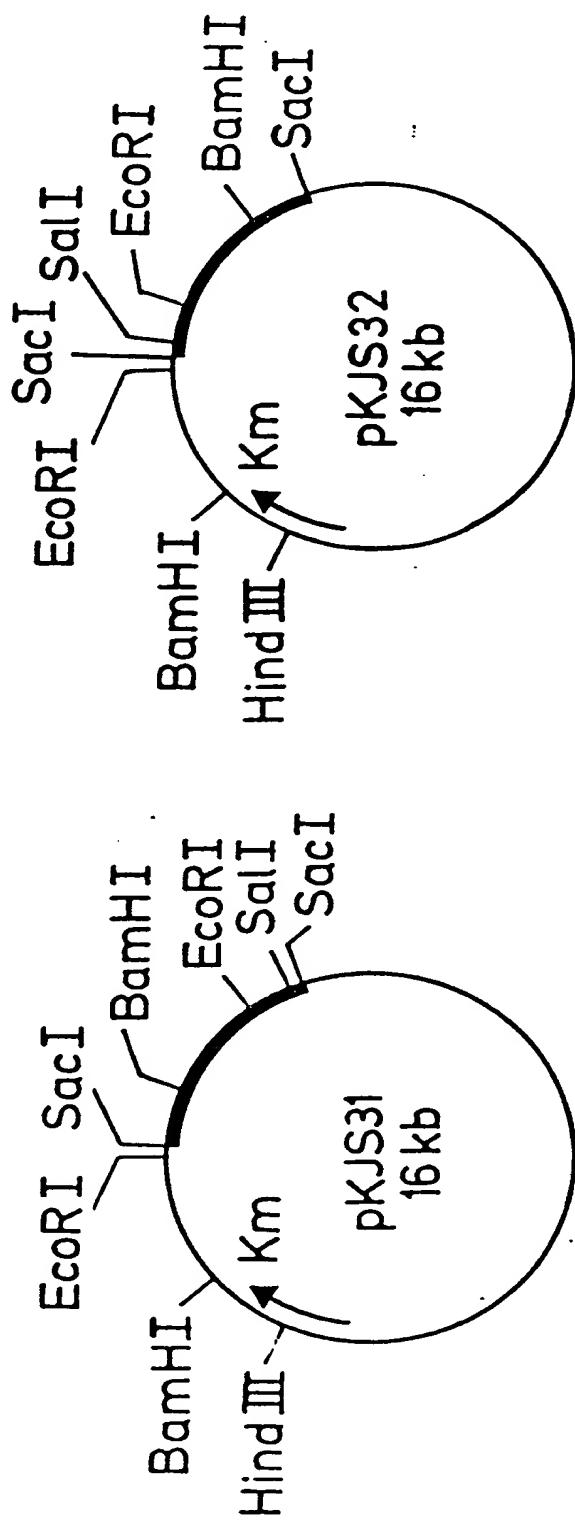
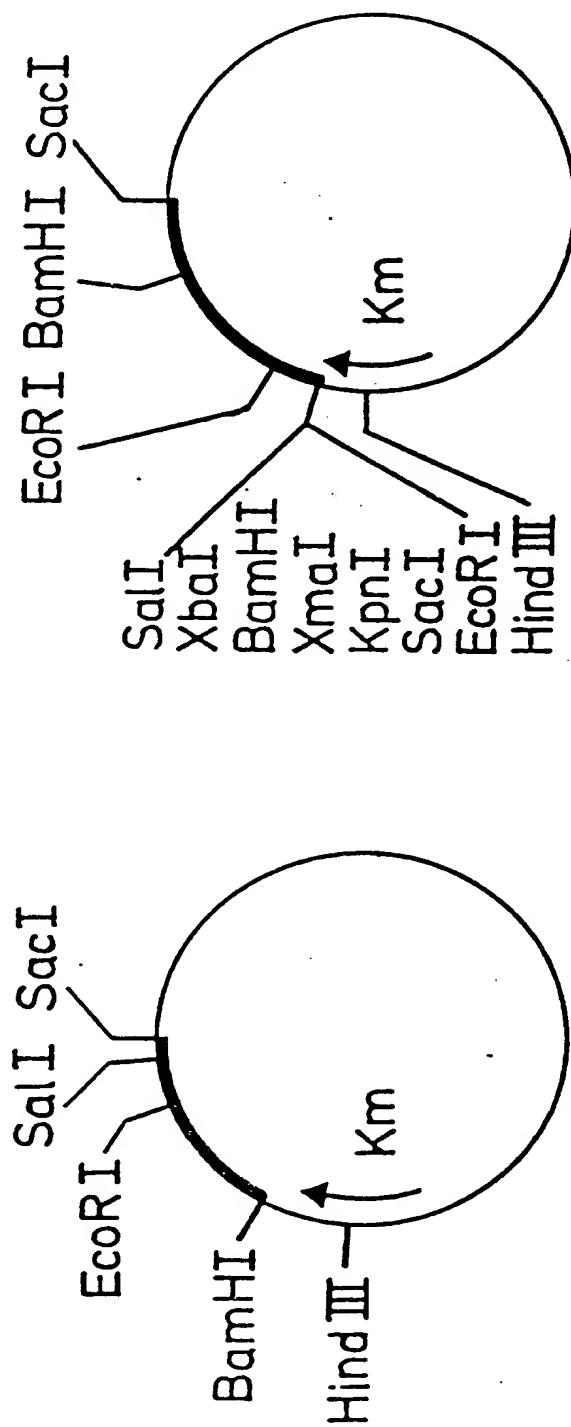
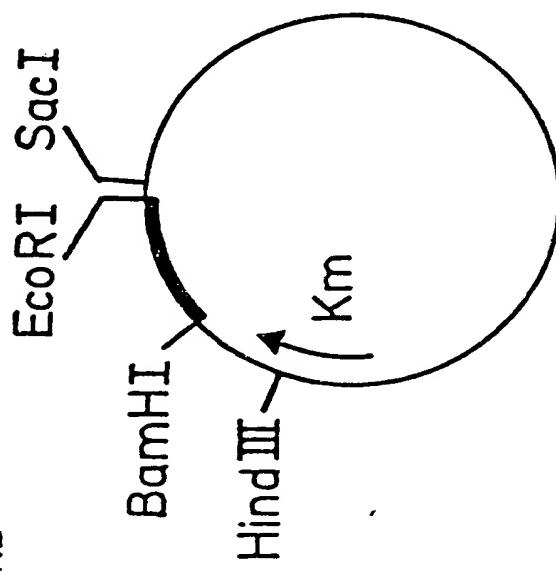


FIG. 2

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pKJSB330  
13.2kb



pKJEΔB130  
12.7kb

FIG. 3

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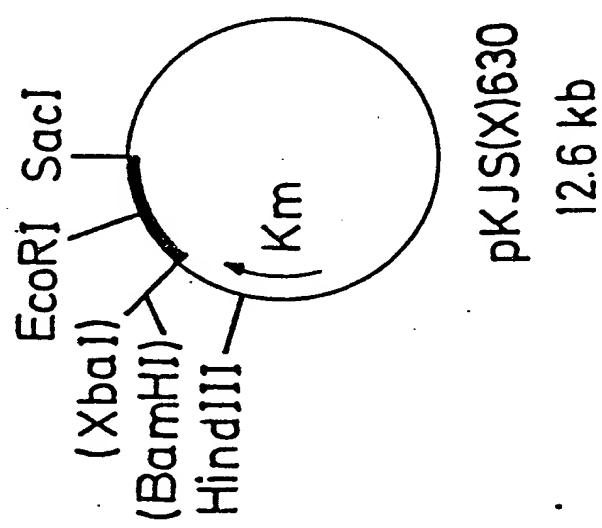


FIG. 4

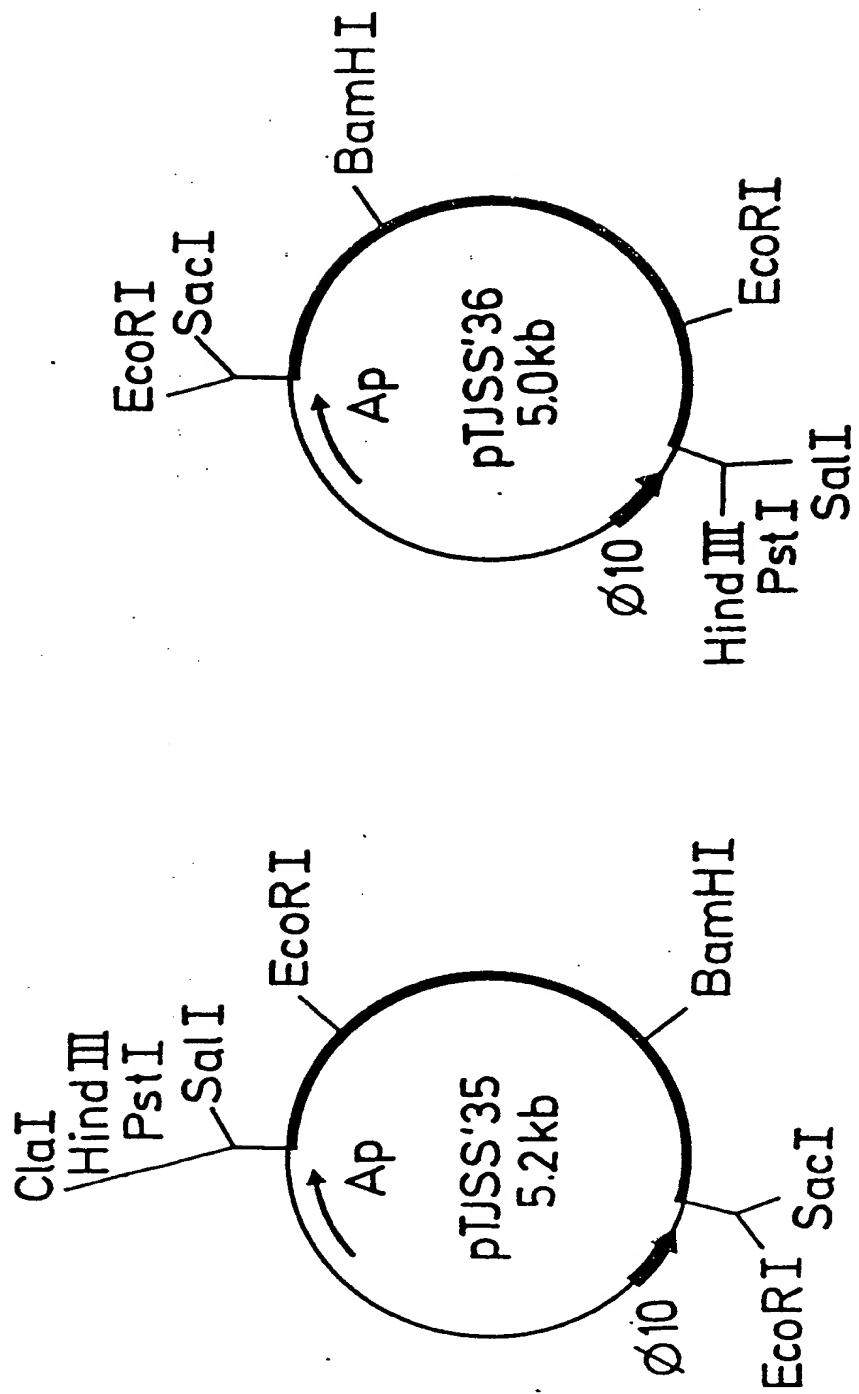
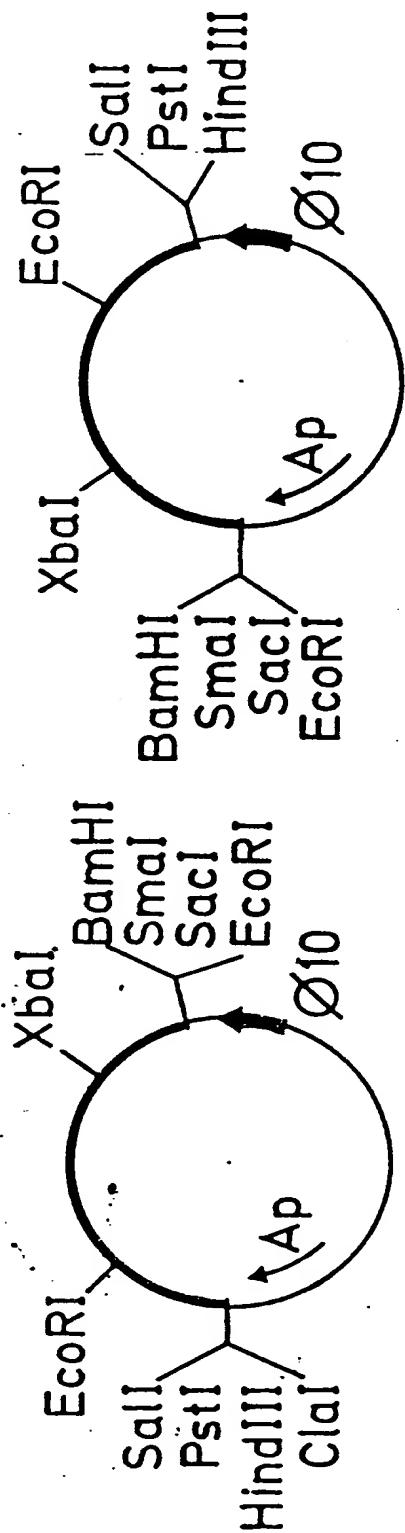


FIG. 5

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pTJS'B436  
4.2kb

pTJS'B435  
4.4kb

FIG. 6

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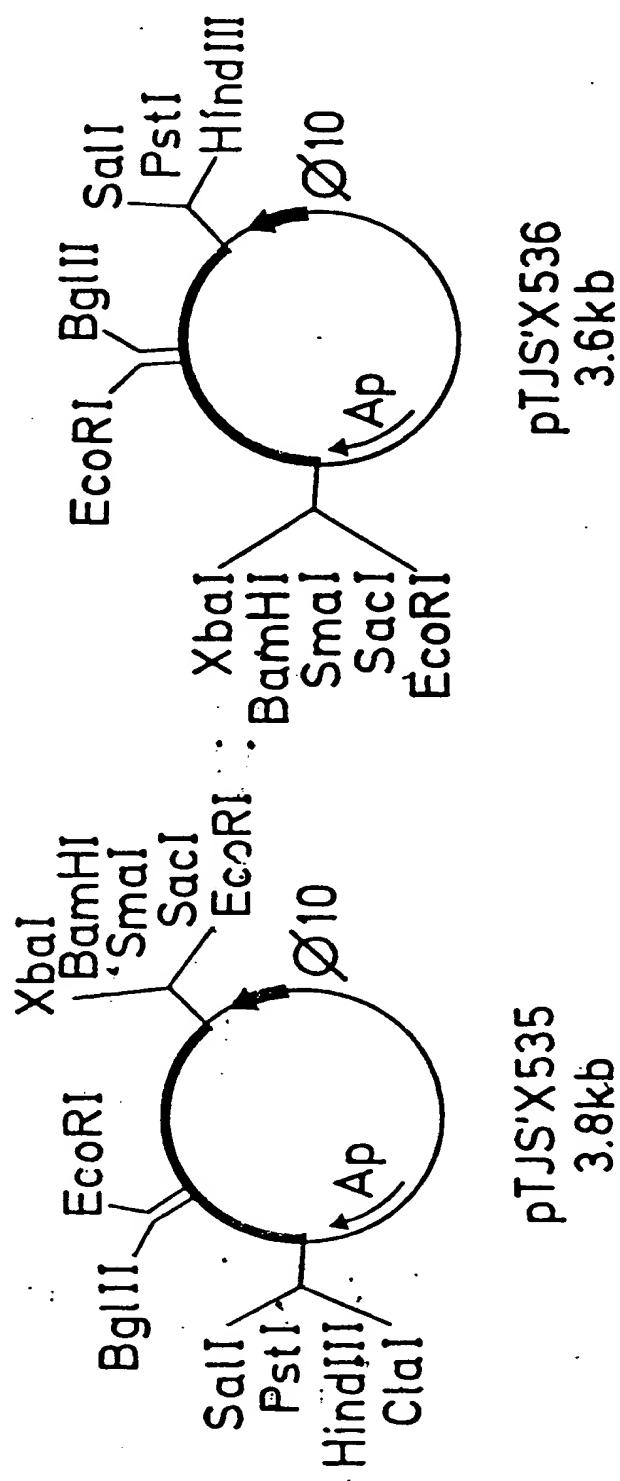


FIG. 7a

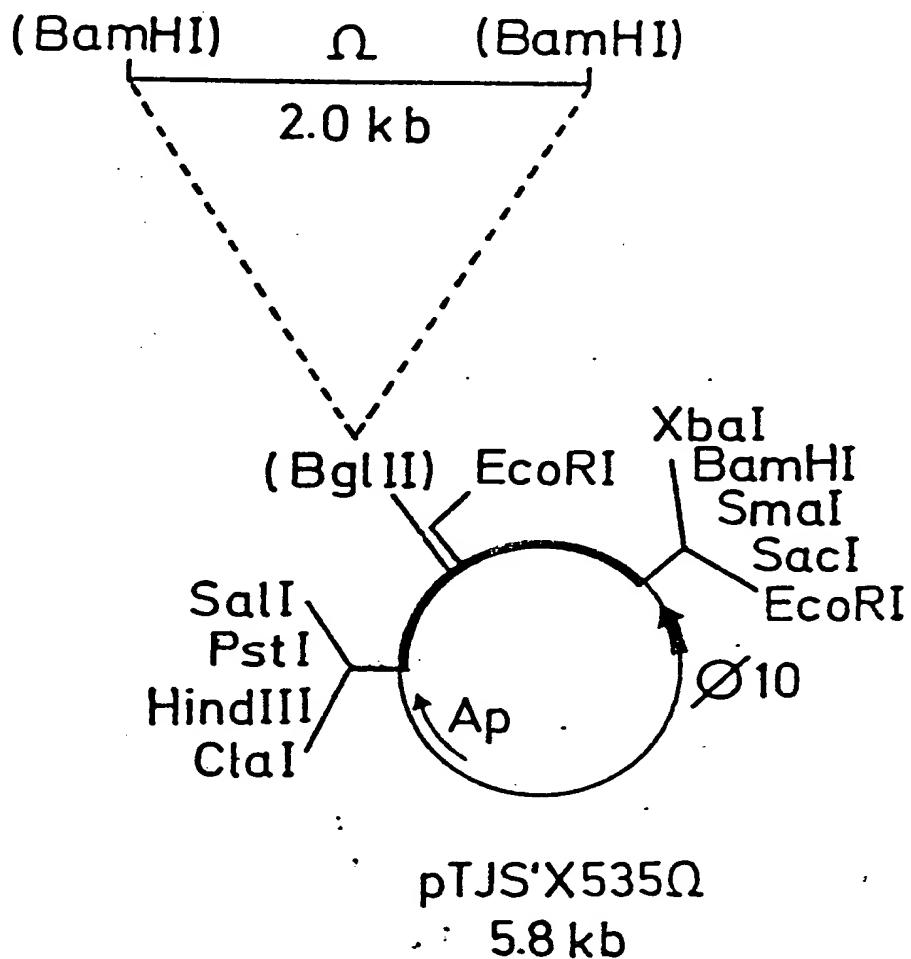


FIG. 7b

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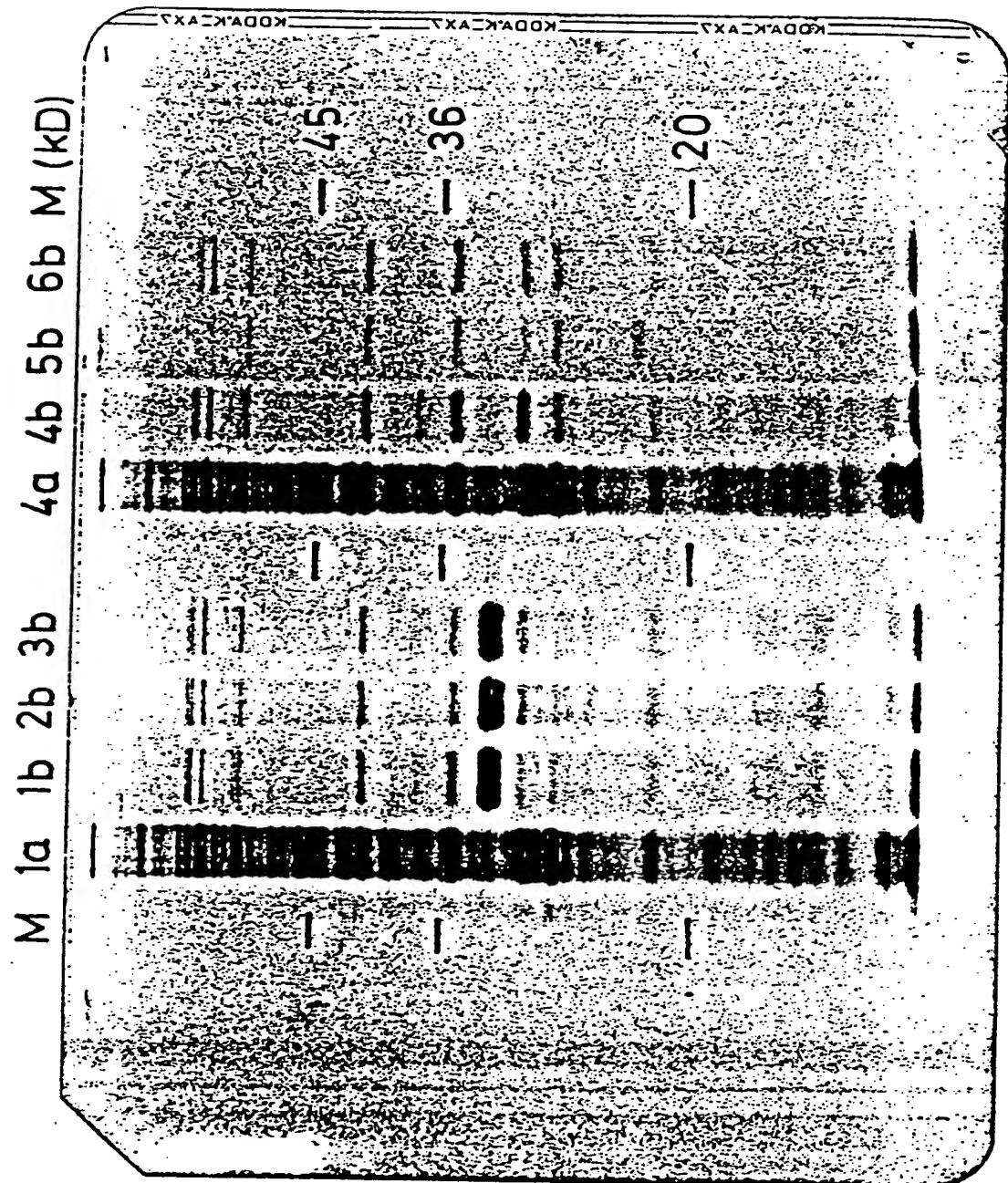


FIG. 8

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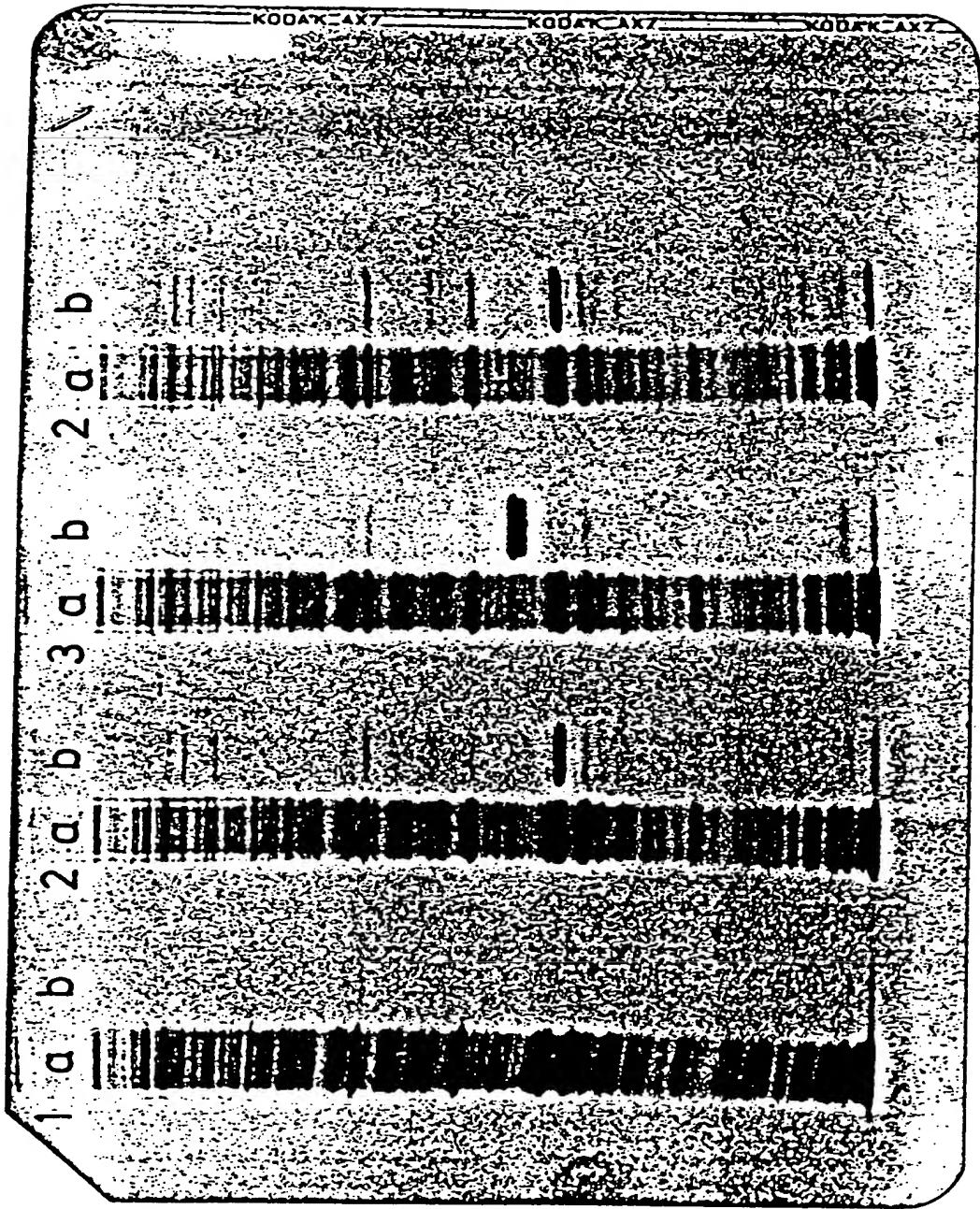


FIG. 9

10 20 30 40 50 60  
 GGATCCTGTCTCAGCTGGCGCCAAATGCTCGAACCCGCTGCGATATAACAGCCGTTCTAG  
 70 80 90 100 110 120  
 TGCACGGTGCCTCACCGTGATTCCAGGCTCCCTGGGGTAGAACGCCGACACCGAGATGG  
 130 140 150 160 170 180  
 ATGGTGCCCCGGCACCGCAGGGCCTCGATCTGCCGCACCTTGGCATCAGGGCAGAGACAGC  
 190 200 210 220 230 240  
 GTCGCCCCCGGGACCGCCCTCGTGAAACGCATGGAGCAATGCCGGACGGTCTGGTAGATC  
 250 260 270 280 290 300  
 GCCGTGCCGAGGTAGCCGATATCGAGTTGCCGATCTGCCGGCTGGCGGGCGAC  
 310 320 330 340 350 360  
 CGGTCCACCGAACGTCCGACCCAGTCGAGCATGCCGTGCATCTCGAGAAACGCCGGC  
 370 380 390 400 410 420  
 CGGCGGCGTGAGCTGCACGCCGCGCGCTGCCCTCGAACACAACACGCCAGATGC  
 430 440 450 460 470 480  
 TGTTCGAGCGCGTGAATCTGCGGTGACCGGGGGCTGGAAATATGCAGCCGCCCGCG  
 490 500 510 520 530 540  
 CGGGCACCGACGTTGCCCTCCCGGGCAGCAACGAAATAGCGAAGCTGTCAAACTCC  
 550 560 570 580 590 600  
 ATTCTTCACTCCTGGTGGCTGGCTCCGGCTGCCGGAGAGCCATACCGATCCCCTATCGCT  
 610 620 630 640 650 660  
 CGCGCTGATGGAAGGTATTAGACCATATGGCCCGGCATTTCTAGACTACCGCCATGATAA  
 670 680 690 700 710 720  
 AACTCGGCTGCTCTCGTCTGCTGGAACATCTTCAGGCCGCTGAGCCGTCTTTGAA  
 730 740 750 760 770 780  
 ACAGTCTCTTAGAAAAGGAGCAAAAAAGTGAAGCGTCGTCGCAAATCCCTTCATCCTCTT  
 790 800 810 820 830 840  
 TTCGCCGCAAGGGTCGAAGACATCGACCTTCGAGAGGCCCTGGGTTCGACCGAGGTCCGA  
 850 860 870 880 890 900  
 GAGATCGAACGGCTAATGGACGAGAAGTCGGTCTGGTGTTCGGGGCAGCCCTGAGT  
 910 920 930 940 950 960  
 CAGGATCAGCAGATCGCCTCGCGCGCAATTTCGGGCCACTCGAAGGGGTTTCATCAAG  
 970 980 990 1000 1010 1020  
 GTCAATCAAAGACCTTCGAGATTCAAGTACGCCGAGTTGGCGGACATCTCGAACGTCAGT  
 1030 1040 1050 1060 1070 1080  
 CTCGACGGCAAGGTGGCGAACCGGATGCCGCGAGGTGGTGGAACTTCGCGAACCCAG  
 1090 1100 1110 1120 1130 1140  
 CTCTGGCACAGCGACAGCTCCCTTCAGCAACCTGCTGCCCGCTACTCGATGCTCTCCGG  
 1150 1160 1170 1180 1190 1200  
 GTGGTGGTCCGGCGGACCGACACCGAGTTCTGGACATCGTGGCGACAG  
 1210 1220 1230 1240 1250 1260  
 GCGCTGCCCTCGGGACCTCCAATCCGAGTTGGAAGGGCTGGCGCCGAGCACTACCGACTG

1270 1280 1290 1300 1310 1320  
 AACTCCCGCTTCCTGCTCGGCCACACCGACTATTGGAAAGCGCAACGCAATGCCATGCCG  
 1330 1340 1350 1360 1370 1380  
 CCGGTCAACTGGCCGCTGGTTCGAACCCACGCCGGCTCCGGGCGCAAGTTCTCTTCATC  
 1390 1400 1410 1420 1430 1440  
 GGGCGGCACCGCAGCCACGTCGAAGGCCTTCCGGTGGCGAAGGCCGGATGCTGCTTGC  
 1450 1460 1470 1480 1490 1500  
 GAGCTTCTCGAGCACCGCACACAGCGGGATTGTACCGGCATCGCTGGAACGTGGGA  
 1510 1520 1530 1540 1550 1560  
 GATCTGGTGATGTGGGACAACCGCTGCGTTCTCACCGCGGACGGTACGACATCTCG  
 1570 1580 1590 1600 1610 1620  
 GCCAGGCGTGAGCTGCGCCGGCGACCACCCCTGGACGATGCCGTGCTAGCGCACGCCA  
 1630 1640 1650 1660 1670 1680  
 TGGCGCACGCCCTTCGCGAAGGCCAACAGATGTACGCAACCTGATCAGCGGCAGC  
 1690 1700 1710 1720 1730 1740  
 CGTAGCCCTGGACGGCGACACCTTGGCGCAGCGCGTCTCGAGCGGGGGCGGCTGGCG  
 1750 1760 1770 1780 1790 1800  
 GCATGGGATTGAGGCCGGTATGTCGTCGCCATCCTCATGCGCAATGACTTTCCGGTG  
 1810 1820 1830 1840 1850 1860  
 CTCGAATGACGCTGGCCCGAACCAGCGCCGGCATCGTTGCCCTTGAACTGGCAT  
 1870 1880 1890 1900 1910 1920  
 GCGAACCGGGACGAGATGCCCTCATCCTCGAGGACTGCAAAGCGCGTGTGCTCGTC  
 1930 1940 1950 1960 1970 1980  
 CACACCGATCTGCTCAAGGGCGTTGCATCCCGGGTGCCCGAGGCCTGCAAGGTGCTGGAA  
 1990 2000 2010 2020 2030 2040  
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 2050  
 AACCCGGGCACGGTCGAC

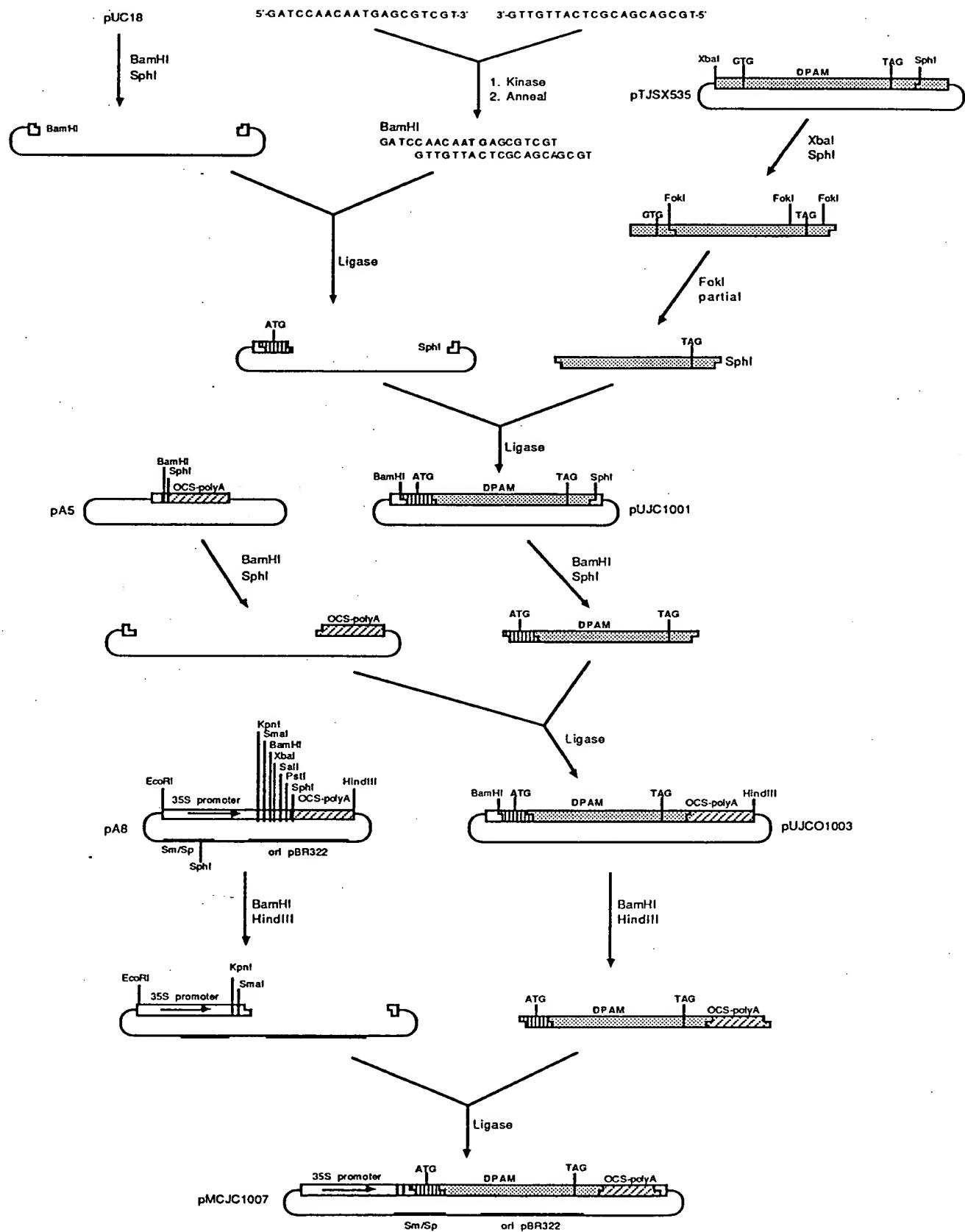
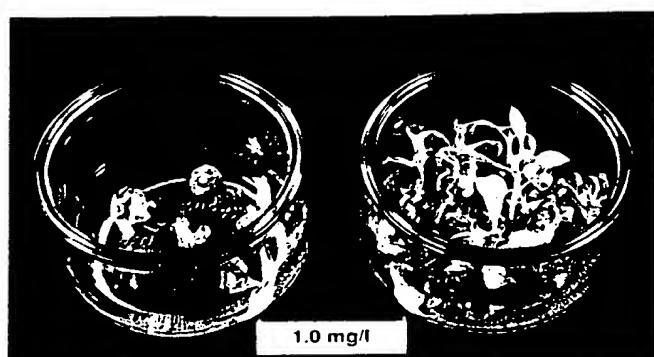


FIGURE 11

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A



B

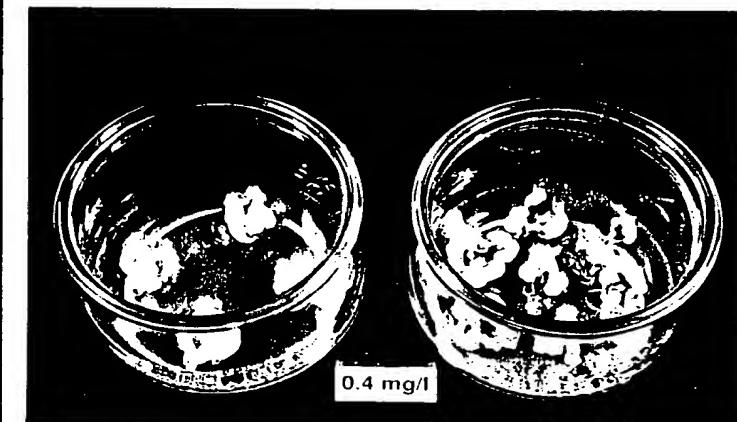


FIGURE 12

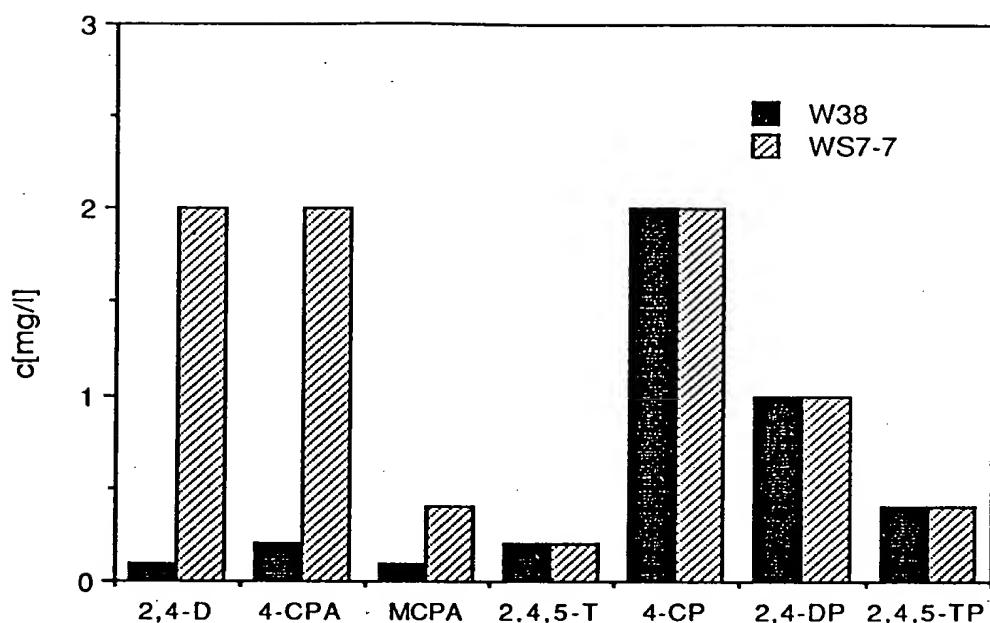


FIGURE 13

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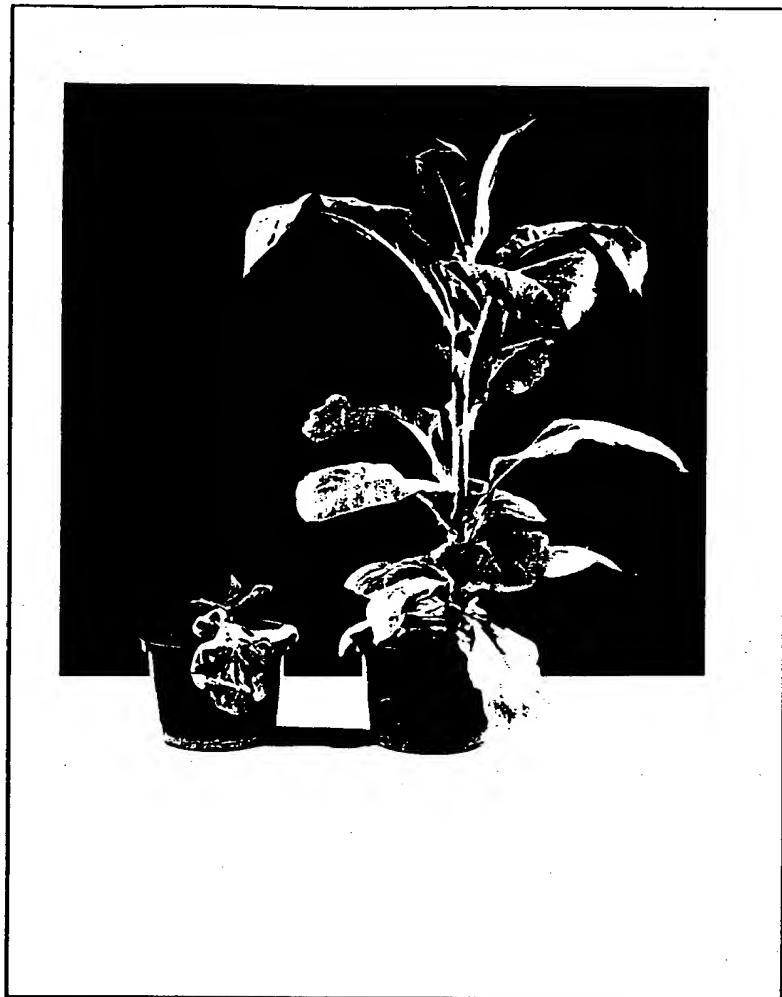


FIGURE 14A

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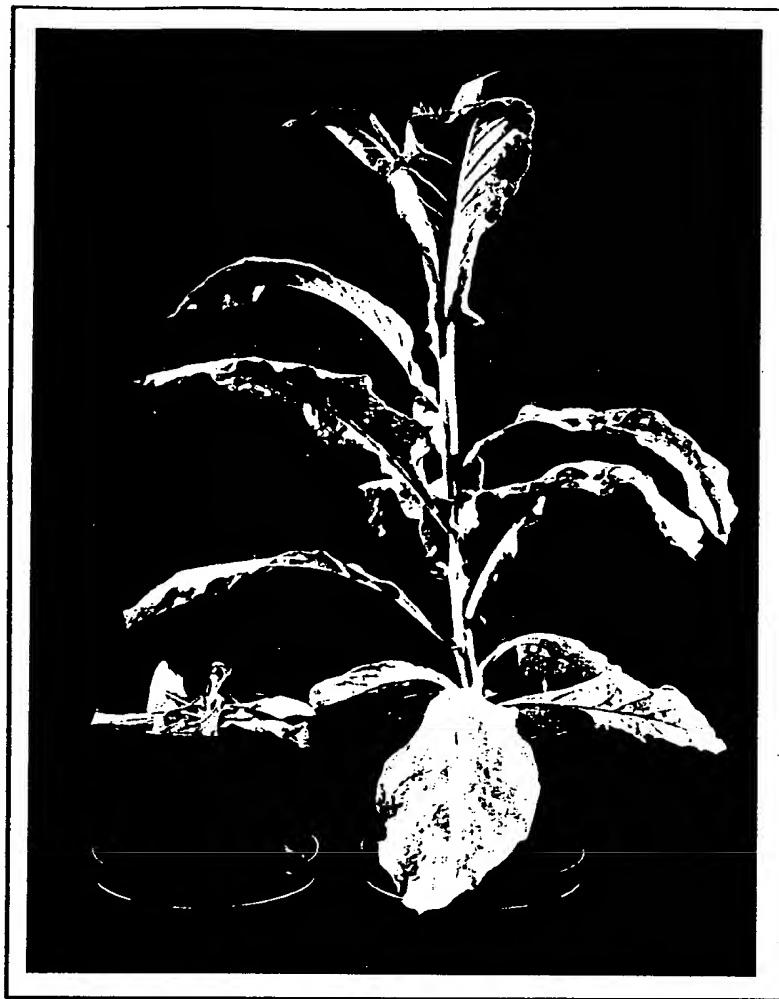


FIGURE 14B